

RGB Submersible LED Bulb 36W PAR56 - DC12V - IP68 - Steel316 - IK10- Pool



Product code:

Reference: PACK-POOL36W-RGB-RC

Technical specifications:

REFERENCE: POOL12-RGB
Rated Power : 36w
Nominal Voltage: 12V DC
Colour: RGB (6x3W)
CRI - Chromatic Rendiment Index: 70
Construction Material: Steel + PMMA
Luminosity-Lm: 3600
Number & Type of LEDs: SMD
Beam Angle (°): 120°
Luminous diodo LED (Lm/W): 140 Lm/W
Luminous Efficiency (Lm/W): 100 Lm/W
Certifications: CE - ROHS
IP : IP67-Outdoor
Dimensions (mm): Ø177x13mm
Other Information: Wire 2M.
Energy Rating (2021-UE-2019/2015): A+
Energy Rating (2023 - UE-2019/2015): F
Warranty Years: 3

Product short description:

Imagine relaxing in your pool after a long day at work, surrounded by soft and warm lighting that creates a unique and welcoming atmosphere. With our **Stainless Steel LED PAR56 Pool Bulb**, you can create that dream atmosphere in your own backyard. Plus, they not only look incredible, but they're also highly energy efficient, allowing you to save money on your energy bills.

Product description:

36W Submersible - PAR56 - RGB LED Bulb - DC12V - IP68 + Controller + Remote Control - 316 Stainless Steel - SHOCK RESISTANT - IK10

COMPATIBLE WITH OUR HOUSING REF: **8212**

The **36w LED - RGB - pool light bulb** is characterized by its friction-welded optic lens, specially developed for **underwater lighting**, it distributes light around the pool evenly and excellently without dazzling bathers, which makes the lamp a reliable and efficient light for its operation.

One of the problems that usually arise with surface luminaires made of plastic or glass, is that they tend to break due to blows under water in swimming pools; Being an **IK10** product made of **steel**, this problem of breakage due to blows is solved.

With body made of high resistance 316 stainless steel that supports salinity. 316 steel is a type of austenitic stainless steel that contains chromium, nickel, and molybdenum as the main alloying elements. This type of stainless steel is very resistant to corrosion and oxidation in highly aggressive environments, with chlorine and saline environments. 316 steel has advantages over other types of steel when used with saline or chlorinated water:

- Corrosion Resistance: 316 steel contains molybdenum, making it highly resistant to corrosion in saline water environments. This makes it ideal for use on marine equipment, and other components that will be exposed to corrosion.
- Rust Resistance: 316 steel is highly resistant to rust in salt water environments due to its chromium content. This means that it will not easily rust or corrode, thus extending the life of the material.
- Easy Maintenance: 316 steel is easy to clean and maintain, making it ideal for applications in marine environments. The surface of 316 steel is smooth, which prevents the accumulation of dirt and other contaminants.
- High mechanical resistance: 316 steel is highly resistant to deformation and breakage due to its high mechanical resistance. This makes it ideal for use in applications where it can take a beating such as swimming pools.

RGB Controller + Remote Control included in each lamp:

- Each bulb incorporates its controller, so you don't have to worry about anything. Just connect to 12V DC.
- Each bulb incorporates its remote control, which has the same frequency as the bulbs, so that with a control you can control and program the different RGB lamps from a distance.

SUPER EASY INSTALLATION: This underwater light should always be installed by qualified personnel. To install them, you always have to disconnect the power supply.

Since each RGB bulb includes its own RGB controller inside, you will not need anything more than connecting the 12V power cables. DC.:

Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

Technical Datasheet

1. Turn off electrical power to the pool.
2. Place the RGB bulb in the Pool niche and connect to the 12V DC LED source, making sure that the positive and negative DC cables are correctly connected.
3. Turn on electrical power.
4. Program the RGB bulbs to work according to your lighting preferences on your remote control.
5. Enjoy your new pool lighting.

The LED luminaire is **IP68** rated, making it completely waterproof and dustproof, and can be submerged in water for long periods of time.

High LED technology that offers excellent lighting and savings of up to 90% in electricity consumption.

They offer an extraordinary lighting atmosphere, being the perfect option to replace traditional incandescent bulbs for swimming pools, fountains or similar.

- Energy efficiency superior to any traditional incandescent halogen.
- Light beam free of UV or IR rays.
- Low operating temperature.
- They improve pool safety by making it more visible at night or in low light conditions.
- Help swimmers see better in the pool, which can reduce the risk of accidents or injuries.
- Its decorative use will give more category and revalue the property.

DC12V power supply not included in the product.

PAIRING THE LUMINAIRE AND CONTROLLER USING THE REMOTE CONTROL.

1. Install batteries in the remote control.
2. Make the connections to the controller as shown in the image in the instruction manual.
3. Turn on the power supply to the luminaire from the power switch.
4. Within 3 seconds after turning on, press the power button on the remote control for 15 seconds.
5. Release the power button.
6. If the recognition is successful, the luminaire should respond to the remote control commands. If not, before attempting again, perform the deletion action of the luminaire's recognition by the remote control, as indicated below:

Deletion of pairing by remote control

1. Cut off the power supply from the power source.
2. Turn on the power supply from the power source.
3. Within 3 seconds after turning on, press and hold the power-off button on the remote control.
4. The luminaire will turn off and on, indicating that the recognition has been deleted. Release the power-off button.
5. If the deletion was successful, the luminaire does not respond to the remote control commands.

ADDING THE LUMINAIRE TO THE APPLICATION (TUYA SMART / SMART LIFE).

1. Ensure that the Bluetooth function is enabled on your mobile.
2. Download and install the chosen application (Tuya Smart or Smart Life) on your mobile.
3. Turn on and off the luminaire from the remote control.
4. Cut off the power supply to the luminaire from the power switch. Turn on the power supply to the luminaire from the power switch.
5. Within 3 seconds after turning on, press the power and off buttons on the remote control simultaneously.
6. Keep them pressed until the luminaire flashes, which should occur in 10 to 15 seconds. Repeat steps 3, 4, and 5 if necessary.
7. Release the buttons, and on the mobile, enter the Tuya Smart or Smart Life app (whichever you chose to manage the luminaire).
8. With the luminaire flashing, select "Add device" or "+."
9. Wait for the application to detect the device.
10. When detected, it will prompt you to press "Add." Once added, the app will indicate a successful addition. Press "Finish," and the device is now added to the app for management.

To manually add the luminaire, select "Lighting" and "Plug (BLE)" and follow the application's instructions.

IMPORTANT INFORMATION

1. One controller can support and operate up to 5 luminaires simultaneously.
2. This luminaire and controller set DOES NOT SUPPORT THE USE OF AMPLIFIERS.
3. If you need to manage more than 5 luminaires, you must install additional controller(s) by distributing the luminaires (up to 5 per controller).
4. If installing more than one controller, we recommend using a power supply for each controller.
5. One remote control can handle more than one controller.
6. One controller can be operated by more than one remote control.
7. You can find the applications in the store; the controller supports "TuyaSmart" and "SmartLife."
8. First, achieve the pairing of the controller with the remote control, and then add the luminaire to the application.

Before installing the luminaire, perform the pairing of the luminaire and the controller using the remote control; then add the luminaire to the application installed on the mobile phone.

To perform these tasks, immerse the luminaire in water using any container that allows meeting this condition."

Applications of the 36W Submersible RGB LED Bulb - DC12V - IP68 + Controller + Remote Control - 316 Stainless Steel - SHOCK RESISTANT - IK10

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Technical Datasheet

- Swimming pools
- Jacuzzi
- ponds
- Sources
- aquariums

At FactorLED we ensure that our products have a QUALITY guarantee and offer all the necessary elements for DISTRIBUTION, IMPORT or WHOLESALE, including the technical data sheet for each LED product.

Additional images:

